

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

International Application No. : PCT/EP00/04632

International Filing Date : 22 MAY 2000

Priority Date(s) Claimed : 11 AUGUST 1999

Applicant(s) (DO/EO/US) : MARCHAND, Jacqueline, et al.

Title: METHODS FOR PRPARING PERFLUORINATED [<sup>18</sup> F ]-RADIOLABELLED NITROIMIDAZOLE DERIVATIVES FOR CELLULAR HYPOXIA DETECTION

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

SIR:

Prior to calculating the national fee, and prior to examination in the National Phase of the above-identified International application, please amend as follows:

IN THE CLAIMS:

1. (Amended) A compound according to claim 1 having the formula 2(2-nitro-1H-imidazol-1-yl)-N-(3,3,3-trifluoropropyl) acetamide ([<sup>18</sup>F]-EF2).
2. (Amended) A compound according to claim 1 having the formula 2(2-nitro-1H-imidazol-1-yl)-N-(2,2,3,3,3-pentafluoropropyl) acetamide ([<sup>18</sup>F]-EF5).
3. (Amended) A method for the synthesis of a compound according to claim 1, comprising the step of coupling 2-(2-nitro-imidazol-1-yl) acetic acid with a [<sup>18</sup>F]-labeled perfluoroalkyl amine derivative.